

ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

AHWMA/RCRA POST-CLOSURE PERMIT APPLICATION COMPLETENESS/TECHNICAL EVALUATION CHECKLIST

<u>DISCLAIMER</u>: This checklist is not an official ADEQ policy document. This checklist is a tool used by ADEQ permit writers to evaluate hazardous waste permit applications. The checklist is periodically revised by ADEQ, following the adoption of new regulatory requirements.

RCRA I.D. No.:	Facility Name:	Page PC-1 of PC-19
Refullibilition	<u> </u>	

Note: This checklist may be used for review of a permit application for a post-closure facility with no active hazardous waste management units. It provides a guideline to the basic requirements of a Part B post-closure permit application. Optional elements (contingency plan and personnel training) are indicated by italics. If a post-closure unit is present at a facility seeking a permit for active hazardous waste management units, the post-closure unit must be incorporated in the permit application like an operating unit in all appropriate sections.

	CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS					
	POST-CLOSURE FACILITY REQUIREMENTS					
	Section and Federal Review Location in Requirement Regulation Consideration Application See Attached Comment Number					
PC-1	Description of Activities Conducted which Require Facility to Obtain a Permit under the Resource Conservation and Recovery Act (RCRA) and Brief Description of Nature of the Business	270.13(a),(m)				
PC-2	Name, Mailing Address, and Location of Facility for which the Application is Submitted, including a Topographic Map	270.13(b),(1)				
PC-3	Up to four Standard Industrial Classification Codes (SIC) which Best Reflect the Products or Services Provided by the Facility	270.13(c)				
PC-4	Operator/Owner's Name, Address, Telephone Number, and Ownership Status	270.13(d),(e)	Ownership status must include status as federal, state, private, public, or other entity.			
PC-5	Facility is New, Existing, or Located on Indian Lands	270.13(f),(g)	Description must include information on whether this is a first or revised application with date of last signed permit application.			

SECTPC.WPD	Reviewer:
	Charlette Davisian Data (March 1009)

$DCDAID$ N_{\circ} .	Essilias Mossas	$D_{a \sim a} DC 2 af DC 10$
RCRA I.D. No.:	Facility Name:	Page PC-2 of PC-19

	CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS					
	Section and Requirement Regulation Consideration Application Application Application Requirement					
PC-6	Description of Processes for Disposing of Hazardous Waste	270.13(i)	Description must include design capacity for these items.			
PC-7	Specification of the Hazardous Wastes Listed or Designated Under Title 40 of the Code of Federal Regulations (40 CFR) Part 261	270.13(j)	Specifications must include estimate on quantity of waste to be disposed of.			
PC-8	Listing of all Permits or Construction Approvals Received or Applied for	270.13(k)	Permits include the following programs: Hazardous Waste Management under RCRA; Underground Injection Control under Solid Waste Disposal Act; Prevention of Significant Deterioration, Nonattainment Program, and National Emissions Standards for Hazardous Pollutants under the Clean Air Act; ocean dumping permits under the Marine Protection Research and Sanctuaries Act; dredge and fill permits under Section 404 of the Clean Water Act; or other relevant environmental permits including state permits.			
PC-9	Part B General Description	270.14(b)(1)				
PC-10a	Topographic Map	270.14(b)(19)	Show distance of 1,000 feet around unit at a scale of 1 inch to not more than 200 feet (multiple maps may be submitted at this scale), and should be similar to Part A topographic map.			
PC-10a(1)	Scale and Date	270.14(b)(19)(i)	Other scales may be used if justified.			
PC-10a(2)	The 100-Year Flood Plain Area	270.14(b)(19)(ii)				
PC-10a(3)	Surface Waters	270.14(b)(19)(iii)				

RCRA I.D. No.:	Facility Name:	Page PC-3 of PC-19

CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS POST-CLOSURE FACILITY REQUIREMENTS See Attached Comment Number^c **Section and Federal** Review Location in Requirement Regulation Consideration^a **Application**^b PC-10a(4) Surrounding Land Use 270.14(b)(19)(iv) Wind Rose 270.14(b)(19)(v) PC-10a(5) PC-10a(6) **Map Orientation** 270.14(b)(19)(vi) PC-10a(7) Legal Boundaries 270.14(b)(19)(vii) PC-10a(8) Access Control 270.14(b)(19)(viii) Injection and Withdrawal Wells PC-10a(9) 270.14(b)(19)(ix)(on site and off site) PC-10a(10) **Buildings and Other Structures** 270.14(b)(19)(x)Drainage and Flood Control PC-10a(11) 270.14(b)(19)(xi) **Barriers** PC-10a(12) Location of the Disposal Unit(s) 270.14(b)(19)(xii) PC-10a(13) Location of Solid Waste 270.14(d)(1)(i) Management Units PC-10b Additional Information on the 270.14(c)(3)Topographic Map for Land Disposal **Facilities** PC-10b(1) Waste Management Areas 270.14(c)(3)PC-10b(2)**Property Boundaries** 270.14(c)(3)Point-of-Compliance Location 270.14(c)(3); 264.95 Point of compliance is defined in 264.95 (Also see PC-10b(3) guidance in the Federal Register, Vol.1 No. 85, May 1, 1996, p 19432. Advanced Notice of Proposed Rulemaking) PC-10b(4) Location of Groundwater 270.14(c)(3); 264.97 Monitoring Wells

RCRA I.D. No.:	Facility Name:	Page PC-4 of PC-19

CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS POST-CLOSURE FACILITY REQUIREMENTS See Attached Comment Number^c **Section and** Federal Review Location in Requirement Regulation Consideration^a Application^b PC-10c 270.14(c)(2) Uppermost Aquifer and Hydraulically Connected Aquifers Beneath Facility Property PC-10d Groundwater Flow Direction 270.14(c)(2), (3)Should be included on the topographic map, if possible. PC-11a Seismic Requirements PC-11a(1) Political Jurisdiction in which 270.14(b)(11)(i) Facility is Proposed to be Located PC-11a(2) Indication of Whether Facility is 270.14(b)(11)(i) Listed in Appendix VI of 264 (New Facilities) PC-11a(3) New Facility must be Located at 270.14(b)(11)(ii); If facility location is listed in Appendix VI of 264, Least 200 feet from a Fault which 264.18(a) this information is required. has had Displacement in Holocene Time PC-11b Flood Plain Requirements 270.14(b)(11)(iii), (iv); 264.18(b) PC-11b(1) Copy of Federal Insurance Reference source used to determine whether facility 270.14(b)(11)(iii) is located in 100-year flood plain. Administration or other Flood Map PC-11b(2) Engineering Analysis to Indicate Flood plain requirements applicable if facility is 270.14(b)(11)(iv) the Various Hydrodynamic and located in 100-year flood plain. (A); 264.18(b) Hydrostatic Forces Expected to Result from the 100-Year Flood Plain

SECTPC.WPD	Reviewer:	
	Checklist Revision Date (March 1998)	

DCDAID No.	Essilita Noma	Page PC-5 of PC-19
RCRA I.D. No.:	Facility Name:	Page PC-5 of PC-19

CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS POST-CLOSURE FACILITY REQUIREMENTS See Attached **Location** in **Section and** Federal Review Comment Number^c **Consideration**^a **Application**^b Requirement Regulation PC-11b(3) Structural or other Engineering Flood plain requirements applicable if facility is 270.14(b)(11)(iv) Studies showing the Design of (B); 264.18(b) located in 100-year flood plain. Operational Units and Flood Protection Devices and how these will Prevent Washout PC-11b(4) Flood plain requirements applicable if facility is Plan and Schedule for Future 270.14(b)(11)(v) located in 100-year flood plain and not in Compliance compliance with 264.18(b). PC-11c Interim Status Groundwater 270.14(c)(1)Monitoring Data Description of Wells A copy of topographic map required by 270.14(b) PC-11c(1) 270.14(c)(1) on which location and identification of each interim status monitoring well is indicated. Details of design and construction of each interim status monitoring well. 270.14(c)(1); Description of Sampling and A copy of facility's groundwater sampling and PC-11c(2) **Analysis Procedures** analysis plan. 265.92 270.14(c)(1); 265.92 Provide all interim status monitoring results. PC-11c(3) Monitoring Data 270.14(c)(1); 265.93 Provide information relating to statistical PC-11c(4) **Statistical Procedures** procedures. If required, based on statistical comparison results, PC-11c(5) Groundwater Assessment Plan 270.14(c)(1); 265.93(d)(2) provide plan implemented for groundwater quality assessment program along with results obtained from implementation of plan. Include description of the regional and site-specific PC-12 General Hydrogeologic 270.14(c)(2)geologic and hydrogeological setting. Information

RCRA I.D. No.:	Facility Name:	Page PC-6 of PC-19

CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS POST-CLOSURE FACILITY REQUIREMENTS See Attached Comment Number^c **Section and** Federal Review Location in Requirement Regulation **Consideration**^a **Application**^b Contaminant Plume Description PC-13 270.14(c)(2), (4),In some cases, contaminant plumes may have been (7); Part 261. defined under groundwater quality assessment programs carried out during the interim status Appendix VIII period which may not address the complete list of Appendix IX constituents as required under 270.14(c)(4). Additional monitoring may be required to identify the concentration of each Appendix VIII constituent in the plume. PC-14 General Monitoring Program 270.14(c)(5); Requirements 264.90(b)(4); 264.97 Description of Wells PC-14a 270.14(c)(5); 264.97(a),(b),(c) PC-14b Description of Sampling and Analysis 270.14(c)(5); 264.97(d),(e),(f) Procedures PC-14c Procedures for Establishing 270.14(c)(5); **Background Quality** 264.97(a)(1),(g)PC-14d Statistical Procedures 270.14(c)(5); 264.97(h), (i)(1),(5),(6)Parametric Analysis of Variance PC-14d(1) 270.14(c)(5); (ANOVA) 264.97(h)(1), (i)(2) PC-14(2) Nonparametric ANOVA 270.14(c)(5); 264.97(h)(2), (i)(2) PC-14d(3) Tolerance or Prediction Interval 270.14(c)(5); Procedure 264.97(h)(3), (i)(4)

SECTPC.WPD Reviewer:

RCRA I.D. No.:	Eggility Name:	Page PC-7 of PC-19
KCKA I.D. No	Facility Name:	1 age 1 C-7 01 1 C-17

	CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS					
		POST-CLOSU	RE FACILITY REQUIREMENTS			
	Section and Federal Review Location in Requirement Regulation Consideration Application See A					
PC-14d(4)	Control Chart Approach	270.14(c)(5); 264.97(h)(4), (i)(3)				
PC-14d(5)	Alternative Approach	270.14(c)(5); 264.97(h)(5),(i)				
PC-15	Detection Monitoring Program	270.14(c)(6); 264.91(a)(4); 264.98				
PC-15a	Indicator Parameters, Waste Constituents, Reaction Products to be Monitored	270.14(c)(6) (i); 264.98(a)				
PC-15b Grou	undwater Monitoring System	270.14(c)(6) (ii); 264.97(a) (2),(b),(c); 264.98(b)	Identify number, location, and depth of each well, and describe well construction materials.			
PC-15c	Background Groundwater Concentration Values for Proposed Parameters	270.14(c)(6) (iii); 264.97 (g); 264.98(c), (d)				
	osed Sampling and Analysis edures	270.14(c)(6)(iv); 264.97(d),(e),(f); 264.98(d),(e),(f)				
PC-15e	Statistically Significant Increase in any Constituent or Parameter Identified at any Compliance Point Monitoring Well	270.14(c)(6); 264.98(g); Part 264 Appendix IX				
PC-16	Compliance Monitoring Program	270.14(c)(7); 264.99				

SECTPC.WPD	Reviewer:
	Checklist Revision Date (March 1998)

RCRA I.D. No.:	Facility Name:	Page PC-8 of PC-19

	CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS				
		POST-CLOSU	JRE FACILITY REQUIREMENTS		
	Section and Requirement	Federal Regulation	Review Consideration ^a	Location in Application ^b	See Attached Comment Number ^c
PC-16a	Waste Description	270.14(c)(7)(i)	Description must include historical records of volumes, types, and chemical composition of waste placed in units in waste management areas.		
	racterization of Contaminated undwater	270.14(c)(7)(ii)	For each well at point of compliance and for each background well, provide concentrations of each constituent in 261 Appendix VIII, major cations and anions, and constituents listed in Table 1 of 264.94, if not already mentioned above.		
PC-16c	Hazardous Constituents to be Monitored in Compliance Program	270.14(c)(7) (iii); 264.98 (g)(3); 264.99 (a)(1)			
PC-16d Cond	centration Limits	270.14(c)(7) (iv); 264.94, 264.97(g),(h); 264.99(a)(2)			
PC-16e	Alternate Concentration Limits	270.14(c)(7) (iv); 264.94(b); 264.99 (a)(2)	Provide justification for establishing alternate concentration limits. Justification must address the following two factors.		
PC-16e(1)	Adverse Effects on Groundwater Quality	270.14(c)(7)(iv); 264.94(b)(1)			
PC-16e(2)	Potential Adverse Effects	270.14(c)(7)(iv); 264.94(b)(2)			

SECTPC.WPD	Reviewer:
	Checklist Revision Date (March 1998)

RCRA I.D. No.:	Facility Name:	Page PC-9 of PC-19
RCRA I.D. No	Facility Name:	Fage FC-9 01 FC-19

CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS					
		POST-CLOSUI	RE FACILITY REQUIREMENTS		
	Section and Requirement	Federal Regulation	Review Consideration ^a	Location in Application ^b	See Attached Comment Number ^c
PC-16f	Engineering Report Describing Groundwater Monitoring Systems	264.95;	Provide details supporting representative nature of groundwater quality at background monitoring points and compliance monitoring point.		
PC-16g Gro	oundwater Monitoring Well Design	264.97(c)	Wells must be designed in accordance with American Society for Testing and Materials standards. Any well within loess must be designed to minimize turbidity.		
	oposed Sampling and Statistical halysis Procedures for Groundwater ta	270.14(c)(7) (vi); 264.97 (d),(e),(f); 264.99(c) - (g)			
PC-17	Groundwater Protection Standard Exceeded at Compliance Point Monitoring Well	270.14(c)(8); 264.99(h),(i)			
PC-17a	Corrective Action Program	270.14(c)(8); 264.99(j); 264.100	If hazardous constituents have been detected in the groundwater, an owner or operator must submit sufficient information, supporting data, etc., to establish a corrective action program that meets the requirements of 264.100.		
	aracterization of Contaminated oundwater	270.14(c)(8)(i)	For each well at point of compliance and for each background well, provide concentrations of each constituent in 261 Appendix VIII, major cations and anions, and constituents listed in Table 1 of 264.94, if not already determined by the above.		

DCD A I D N	IT 'I', NI	D DC 10 CDC 10
RCRA I.D. No.:	Facility Name:	Page PC-10 of PC-19

	CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS				
		POST-CLOS	URE FACILITY REQUIREMENTS		
	Section and Requirement	Federal Regulation	Review Consideration ^a	Location in Application ^b	See Attached Comment Number ^c
PC-17c	Concentration Limits	270.14(c)(8)(ii); 264.94; 264.100(a)(2)	Specify the proposed concentration limits for each hazardous constituent in groundwater.		
PC-17d Alter	nate Concentration Limits	270.14(c)(8)(ii); 264.94(b); 264.100(a)(2)	Provide a justification for establishing alternate concentration limits. This justification must address each of the following two factors.		
PC-17d(1)	Adverse Effects on Groundwater Quality	270.14(c)(8); 264.94(b)(1)			
PC-17d(2)	Potential Adverse Effects	270.14(c)(8); 264.94(b)(2)			
PC-17e	Corrective Action Plan	270.14(c)(8) (iii); 264.100(b)	Provide detailed plans and engineering report on corrective actions proposed for facility, including maps of engineered structures, construction details, plans for removing waste, description of treatment technologies, effectiveness of correction program, description of reinjection system, additional hydrogeologic data, operation and maintenance plans, and closure and post-closure plans.		
PC-17f	Groundwater Monitoring Program	270.14(c)(8) (iv); 264.100(d)			
PC-17f(1)	Description of Monitoring System	270.14(c)(7)(v), (8)			
PC-17f(2)	Description of Sampling and Analysis Procedures	270.14(c)(7)(v), (8)			
PC-17f(3)	Monitoring Data and Statistical Analysis Procedures	270.14(c)(7)(v), (8)			

RCRA I.D. No.:	Eagility Mama	Page PC-11 of PC-19
RCKA I.D. No	Facility Name:	rage FC-11 01 FC-19

CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS					
		POST-CLOS	URE FACILITY REQUIREMENTS		
	Section and Requirement	Federal Regulation	Review Consideration ^a	Location in Application ^b	See Attached Comment Number ^c
PC-17f(4)	Reporting Requirements	270.14(c)(7); 264.100(g)			
PC-18	Security	270.14(b)(4); 264.14	Demonstrate that ongoing post-closure use does not allow disturbance of the integrity of the final cover, liner(s), or any other components of the containment system, or the function of the facility's monitoring system.		
PC-18a	Security Procedures and Equipment	270.14(b)(4); 264.14	Unless waiver is granted, facility must have surveillance system or barrier or other means to control entry.		
PC-18b Warı	ning Signs	270.14(b)(4); 264.14(c)	Signs in English must be posted at each entrance, and be legible from 25 feet.		
PC-19	Inspection Schedule	270.14(b)(5); 264.15	Include where applicable, as part of the post- closure inspection schedule, specific requirements for each type of disposal facility. These specific requirements and the schedule should be included as part of the post-closure plan.		
PC-19a	General Inspection Requirements	270.14(b)(5); 264.15(a), (b); 264.33	Describe the inspections to be conducted during the post-closure care period, their frequency, the inspection procedure, and the logs to be kept. Inspection is required for monitoring equipment, safety emergency equipment, communication and alarm systems, decontamination equipment, security devices, and operating and structural equipment. Should be included as part of post-closure plan.		

RCRA I.D. No.:	Eggility Nome	Page PC-12 of PC-19
RCRA I.D. No	Facility Name:	Fage FC-12 01 FC-19

CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS POST-CLOSURE FACILITY REQUIREMENTS See Attached Section and Federal Location in Review Comment Number^c Consideration^a **Application**^b Requirement Regulation PC-19b Types of Problems 270.14(b)(5); Inspection checklist should be included as part of 264.15(b)(3) post-closure plan and must identify types of problem. The rationale for determining the length of time PC-19c Frequency of Inspections 270.14(b)(5); between inspections should be provided as part of 264.15(b)(4) the post-closure plan. PC-19d Schedule of Remedial Action Owner/operator must immediately remedy any 264.15(c) deterioration or malfunction of equipment or structures to ensure problem does not lead to environmental or human health hazard. PC-19e Inspection Log 264.15(d) Provide example log or summary. Should be included as part of the post-closure plan PC-20 Waiver or Documentation of 270.14(b)(6) Facility must submit justification for any waiver to requirements of this section. Preparedness and Prevention 264.32(a) - (d) Requirements PC-21 **Emergency Equipment** 270.14(a); 264.32(c) Demonstrate that portable fire extinguishers, fire control equipment, spill control equipment, and decontamination equipment are available, if necessary. PC-21a Water and Fire Control 270.14(a); 264.32(d) Demonstrate facility has adequate fire control systems, water volume and pressure, foaming equipment, automatic sprinklers, etc., if necessary PC-21b Testing and Maintenance of Equipment 270.14(a): 264.33 Demonstrate communication, alarm, fire control equipment, spill control equipment, and decontamination equipment are tested and maintained, if applicable..

	T: 114 NI	$D_{-} = DC 12 = f DC 10$
RCRA I.D. No.:	Facility Name:	Page PC-13 of PC-19
1010111011		

CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS					
					See Attached Comment Number ^c
PC-22	Documentation of Arrangements with Emergency Agencies	270.14(a); 264.37	Owner/operator must make arrangements, as appropriate, with type of waste and hazard potential, for the potential need for services.		
PC-22a	Document Agreement Refusal	270.14(a); 264.37(b)	Document refusal to enter into a coordination agreement.		
PC-22b Equipment and Power Failure		270.14(b)(8) (iv)	Describe procedure used to mitigate the effects of equipment failure and power outages, if applicable.		
PC-23	Closure Plans	270.14(b)(13); 264.112(a)(1),(2)	Include an approved closure plan consistent with the requirements of 264.112. This plan is included for post-closure facilities as a description of how the facility was closed.		
PC-23a	Post-Closure Plan	270.14(b)(13)	Submit a copy of the approved post-closure plan.		
PC-23b Post-Closure Care Contact		270.14(b)(13); 264.118(b)(3)	Provide the name, address, and phone number of the person or office to contact about the hazardous waste disposal unit or facility during the post- closure care period.		
PC-24	Notices Required for Disposal Facilities	270.14(b)(14)	Provide a certification of closure, a survey plat, and a post-closure certification. Also include a statement that the post-closure notices required by 270.149(b)(14) will be filed and submitted appropriately.		

SECTPC.WPD	Reviewer:

RCRA I.D. No.:	Facility Name:	Page PC-14 of PC-19
RCRA I.D. No	racinty tvanic.	Fage FC-14 01 FC-19

CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS						
	POST-CLOSURE FACILITY REQUIREMENTS					
	Section and Requirement	Federal Regulation	Review Consideration ^a	Location in Application ^b	See Attached Comment Number ^c	
PC-25	Post-Closure Cost Estimate	270.14(b)(16) 264.144	Provide a copy of the most recent post-closure cost estimate, calculated to cover the cost, in current dollars, of post-closure monitoring and maintenance of the facility in accordance with the applicable post-closure plan. Estimate must be based on the third party performing the post-closure activities. The cost estimate must be adjusted annually for inflation pursuant to 264.144(b).			
PC-25a	Financial Assurance Mechanism for Post-Closure Care	270.14(b)(16); 264.145; 264.151	Provide a copy of the established financial assurance mechanism for post-closure care of the facility. The mechanism must be one of the following: trust fund surety bond letter of credit insurance financial test and corporate guarantee for post-closure care use of multiple financial mechanisms use of financial mechanism for multiple facilities.			
PC-25b Use	e of State-Required Mechanisms	270.14(b)(18); 264.149	When state has regulations that provide equivalent or greater liability requirements for financial assurance for closure post-closure, submit copy of state-required financial mechanism.			

	T 111 AT	5 55 15 35 6 10
RCRA I.D. No.:	Facility Name:	Page PC-15 of PC-19

CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS POST-CLOSURE FACILITY REQUIREMENTS					
	Section and Requirement	Federal Regulation	Review Consideration ^a	Location in Application ^b	See Attached Comment Number ^c
PC-25c	State Assumption of Responsibility	270.14(b)(18); 264.150	If state assumes legal responsibility for compliance with closure, post-closure, or liability requirements there must be a letter submitted from the state specifying assumption of responsibilities and amounts of liability coverage assured by state.		
PC-26	Solid Waste Management Units (SWMU)	270.14(d)(1); 264.101	Identify all SWMUs at the facility including hazardous and nonhazardous waste units, as well as active and inactive units, if known.		
PC-26a	Characterize the SWMU	270.14(d)(1)	Submit SWMU information including: type of each unit; location on a topographic map; engineering drawings, if available, dimensions; dates of operation; description of wastes in each unit; and quantity or volume of waste, if known.		
PC-26b No S	WMUs		Describe methodology used to determine that no existing or former SWMUs exist at the facility.		
PC-26c PC-26c(1)	Releases Characterize Releases	270.14(d)(2) 270.14(d)(3)	Provide following information concerning releases: date of release; type, quantity, and nature of release; groundwater monitoring and other analytical data; physical evidence of stressed vegetation; historical evidence of releases; any state, local, or federal enforcement action that may address releases; any public citizen complaints that indicate a release; and any other information showing the migration of the release.		
PC-26c(2)	No Releases		Describe methodology used to determine that releases from SWMUs are not present.		

RCRA I.D. No.:	Facility Name:	Page PC-16 of PC-19
RCRITI.D. No.:	1 defitty 1 diffe.	

	CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS					
		POST-CLOSU	RE FACILITY REQUIREMENTS			
	Section and Requirement	Federal Regulation	Review Consideration ^a	Location in Application ^b	See Attached Comment Number ^c	
PC-27	Part B Certification	270.11				
PC-28	Information on the Potential for the Public to be Exposed to Releases. At a Minimum, this must include: • reasonably foreseeable potential releases • potential pathways of human exposure • potential magnitude and nature of exposure	270.10(j)	The federal requirement is for surface impoundments and land disposal units.			

RCRA I.D. No.:	Facility Name:	Page PC-17 of PC-19
RCRT I.B. No.:	1 definty 1 dame.	

This section of the checklist contains elements, currently required, that may become optional under the proposed regulation changes in 40 CFR Part 270.

CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS						
	POST-CLOSURE FACILITY REQUIREMENTS Section and Federal Review Location in Requirement Regulation Consideration Application Number ^c					
PC-30b	Emergency Coordinators	270.14(b)(7); 264.52(d); 264.55	There must at least be one primary emergency coordinator available at all times.			
PC-30c Imple	ementation	270.14(b)(7); 264.52(a); 264.56(d)	Emergency coordinator to determine that facility has had a release, fire, or explosion that could threaten human health or the environment outside facility.			
PC-30d	Emergency Actions	270.14(b)(7); 264.56				
PC-30d(1)	Notification	270.14(b)(7); 264.56(a)	Describe the method for immediate notification of facility personnel and necessary state and local agencies.			
PC-30d(2)	Identification of Hazardous Materials	270.14(b)(7); 264.56(b)	Observations, records, manifests, or chemical analysis may be used by emergency coordinator.			
PC-30d(3)	Assessment	270.14(b)(7); 264.56(c),(d)	Direct and indirect effects must be considered.			
PC-30d(4)	Control Procedures	270.14(b)(7); 264.52(a)	Contingency plan must describe actions facility personnel must take in response to fires, explosions, or any unplanned release of hazardous waste to air, soil, or surface water.			
PC-30d(5)	Post-Emergency Equipment Management	270.14(b)(7); 264.56(h)(2)	Decontamination is required for emergency equipment.			
PC-30e Evacuation Plan for Facility Personnel		270.14(b)(7); 264.52(f)	Evacuation plans must include evacuation signals and primary and alternate evacuation routes.			

SECTPC.WPD	Reviewer:
	Checklist Revision Date (March 1998)

RCRA I.D. No.:	T:114 NI	Page PC-18 of PC-19
KURA LD. NO.:	Facility Name:	Page PC-18 of PC-19
1010111011		

CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS								
POST-CLOSURE FACILITY REQUIREMENTS								
	Section and Requirement	Federal Regulation	Review Consideration ^a	Location in Application ^b	See Attached Comment Number ^c			
PC-30f	Notification of Federal, State and Local Authorities before Resuming Post-Closure Care	270.14(b)(7); 264.56(i)	Federal or state authorities must be notified within 15 days of occurrence.					
PC-30g	Notification Reports	270.14(b)(7); 264.196(d)	Demonstrate that any release to the environment will be reported to regional administrator within 24 hours of detection.					
PC-31	Outline of Introductory and Continuing Training Programs	270.14(b)(12); 264.16(a)(1)	Facility personnel must successfully complete classroom or on-the-job training which will allow them to responsibly perform in their positions for post-closure care. The training program is limited to post-closure activities.					
PC-31a	Job Title/Job Description	270.14(b)(12); 264.16(d)1), (d)(2)	Owner or operator must maintain records of job titles, names of employees, job descriptions, and types and amounts of training given to employees.					
PC-31b	Description of How Training will be Designed to Meet Actual Job Tasks	270.14(b)(12); 264.16(c),(d) (3)	Training must be conducted by a qualified person; there must also be an annual review of the training.					
PC-31c Training Director		270.14(b)(12); 264.16(a)(2)	Program must be directed by person trained in hazardous waste procedures.					
PC-31d	Relevance of Training to Job Position	270.14(b)(12); 264.16(a)(2)	Training must include instruction on hazardous waste proceures relevant to each employee's position.					
PC-31e Training for Emergency Response		270.14(b)(12); 264.16(a)(3)	Personnel must minimally be familiar with emergency procedures, emergency equipment, and emergency systems.					

RCRA I.D. No.:	Facility Name:	Page PC-19 of PC-19

	CHECKLIST FOR REVIEW OF FEDERAL RCRA PERMIT APPLICATIONS							
	Section and Requirement	POST-CLOSUI Federal Regulation	RE FACILITY REQUIREMENTS Review Consideration ^a	Location in Application ^b	See Attached Comment Number ^c			
PC-31f	Maintenance of Training Records/Copy of Personnel Training Documents	270.14(b)(12); 264.16(b),(d) (4),(e)	Training records on current personnel must be kept until the post-closure care period is completed. Training must be completed within 6 months after date of employment or assignment to the facility, whichever is later.					
PC-32	Chemical and Physical Analyses	270.14(b)(2); 264.13(a)	Data generated by testing the waste, published data on the waste, or data gathered from similar processes may be used.					
PC-33	Waste Analysis Plan	270.14(b)(3); 264.13(b),(c) 266.102(a)(2)(ii); 266.104(a); (2), 268.7	Address how for closed units/facilities, a waste analysis plan is not applicable. Discuss previous waste stream and/or current management of the waste, if applicable. Discuss whether or not leachate or runoff collection and analysis are necessary.					

Notes:

Reviewer:	
	Checklist Revision Date (March 1998)

^a Considerations in addition to the requirements presented in the regulations.

For each requirement, this column must indicate one of the following: NA for not applicable, IM for information missing, or the exact location of the information in the application.

^c If application is deficient in an area, prepare a comment describing the deficiency, attach it to the checklist, and reference the comment in this column.